

Attachment 8

Comprehensive List of Potential Practices

Comprehensive list of potential practices developed by Ad-hoc Technical Group	Reasons why practices were not include in Agricultural PM₁₀ General Permit¹
1. Access Restriction	included in Agricultural PM ₁₀ general permit
2. Artificial Wind Barriers	included in Agricultural PM ₁₀ general permit
3. Critical Area Planting	included in Agricultural PM ₁₀ general permit
4. Cross Wind Ridges	included in Agricultural PM ₁₀ general permit
5. Cross Wind Stripcropping	included in Agricultural PM ₁₀ general permit
6. Limited Activity with High Wind Event	included in Agricultural PM ₁₀ general permit
7. Reduce Vehicle Speed	included in Agricultural PM ₁₀ general permit
8. Surface Roughening	included in Agricultural PM ₁₀ general permit
9. Track-out Control System	included in Agricultural PM ₁₀ general permit
10. Mulching	included in Agricultural PM ₁₀ general permit
11. Watering	included in Agricultural PM ₁₀ general permit
12. Cover and Green Manure Crop	incorporated into cover crop
13. Dust Suppressants (other)	incorporated into synthetic particulate suppressant
14. Dust Suppressants (inorganic)	incorporated into synthetic particulate suppressant
15. Dust Suppressants (organic)	incorporated into synthetic particulate suppressant
16. Air Fan Deflectors	incorporated into equipment modification
17. Chiseling/Subsoiling	incorporated into planting based on soil moisture
18. Conservation Cover	incorporated into cover crop
19. Cross Wind Trap Strips	incorporated into cross wind strip cropping
20. Emergency Tillage	incorporated into timing of tillage operation
21. Fence	incorporated into artificial wind barrier
22. Field Border	incorporated into artificial wind barrier
23. Filter Strip	incorporated into tree, shrub or wind break

24.	Harvest & Equipment Modification	incorporated into equipment modification
25.	Heavy Use Area Protection	incorporated into synthetic particulate suppressant and aggregate cover
26.	Hedgerow Planting	incorporated into tree, shrub or windbreak planting
27.	Herbaceous Wind Barriers	incorporated into tree, shrub or windbreak planting
28.	Irrigation Land Leveling	incorporated into reduced tillage system
29.	Irrigation System, Surface/Subsurface	incorporated into reduced tillage system
30.	Irrigation System, Trickle	incorporated into reduced tillage system
31.	Modifying Egress/Ingress	incorporated into access restriction and trackout control system
32.	Nutrient Management	incorporated into manure application, mulching, and residue management
33.	Pasture/Hayland Planting	incorporated into multi year crop
34.	Residue Management, Mulch-till	incorporated into residue management
35.	Residue Management, No-till, Strip-till	incorporated into residue management
36.	Residue Management, Ridge-till	incorporated into residue management
37.	Residue Management, Seasonal	incorporated into residue management
38.	Row Arrangement	incorporated into cross wind ridges, cross wind strip cropping, and cross wind vegetative strips
39.	Spoil Spreading	incorporated into mulching and manure application
40.	Stripcropping, Field	incorporated into cross wind strip-cropping
41.	Tillage Equipment Modification	incorporated into equipment modification
42.	Tillage Pre-irrigation	incorporated into tilling based on soil moisture
43.	Track-out Prevention	incorporated into track out control system
44.	Tree/Shrub Establishment	incorporated into tree, shrub or windbreak planting
45.	Unpaved Road Treatments	incorporated into aggregate cover and synthetic particulate suppressant
46.	Use Exclusion	incorporated into access restriction
47.	Vehicle Restriction for Access/Trip	incorporated into access restriction
48.	Waste Management System	incorporated into manure application

49.	Waste Utilization	incorporated into manure application
50.	Windbreaks/Shelterbelt Establishment	incorporated into tree, shrub or windbreak planting
51.	Windbreak/Shelterbelt Renovation.	incorporated into tree, shrub or windbreak planting
52.	Forage Harvest Management	incorporated into reduced harvest activity
53.	Tree/Shrub Pruning	no identifiable relation to PM ₁₀ emission reduction
54.	Land Smoothing	no identifiable relation to PM ₁₀ emission reduction
55.	Access Road	no identifiable relation to PM ₁₀ emission reduction
56.	Pest Management	no identifiable relation to PM ₁₀ emission reduction
57.	Precision Land Forming	no identifiable relation to PM ₁₀ emission reduction
58.	Controlled Drainage	erosion control practice and limited emission reduction impacts
59.	Irrigation Water Management	irrigation is already a standard practice in the area
60.	Firebreak	not applicable to commercial farming
61.	Prohibition of Tillage at all times	impracticable
62.	Irrigation System, Sprinkler	cost prohibitive for most crops in the Maricopa County area
63.	Wildlife Upland Habitat Management	impracticable for the Maricopa County area
64.	Soil Salinity Management	not applicable to most soil types in the Maricopa County area
65.	Conservation Crop Rotation	not applicable due to the statutory definition of cropland (ARS § 49-457)

1. The information is based on June 2001 interviews with Ross Rodgers, former ADEQ staff assigned to Governor's Agricultural BMP Committee; and Jeffrey J. Schmidt, Chairperson, Ad Hoc Agricultural BMP Technical Group, USDA Natural Resources Conservation Service